



**GREENTEK ENERGY SYSTEMS, LLC**

[www.GreentekEnergySystems.com](http://www.GreentekEnergySystems.com)

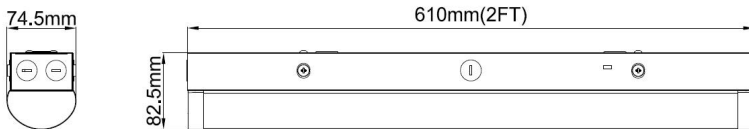


**P/N: GT-LSL-25W2FTBTB1A1-abd**

**Note:**

“a” can be any two letters to represent lamp colors;  
 WH=White, or Customized;  
 “b” can be “R” or blank for PIR Sensor provided or not;  
 “d” can be any two digits to represent CCT.  
 35=3500K,40=4000K, 45=4500K, 50=5000K

## DIMENSIONS



## ADVANTAGE

- UL cUL DLC(V5.0) certificate.
- Lumileds Chip, high CRI.
- Input voltage 120-277VAC.
- Output constant current lever can be adjusted through output cable with 0-10V.
- No UV or IR in the beam.
- Easy to install and operate.
- Energy saving, long lifespan.
- Light is soft and uniform, safe to eyes.
- Instant start, NO humming.
- Green and eco-friendly without mercury.

## APPLICATION

- Offices, Hallways and Conference Rooms;
- Exhibition hall and supermarkets, etc.

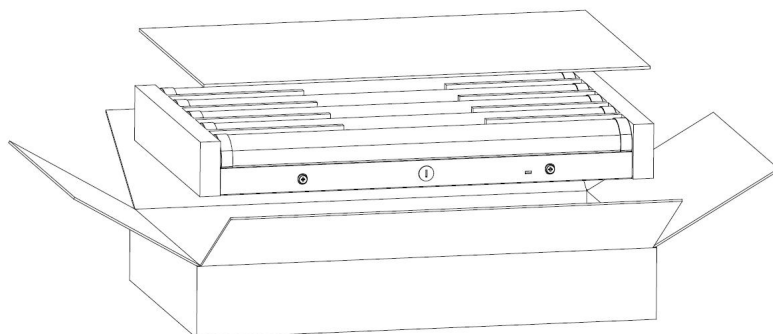
## SPECIFICATIONS

<b>OPTICAL</b>	Input Power (Tolerance : $\pm 10\%$ )	25W
	Color Temperature	3500K, 4000K, 4500K, 5000K
	Lumen (Tolerance : $-10\%$ )	3200~3500 LM
	Efficacy (Tolerance : $-3\%$ )	130~140 LM/W
	CRI	>80
	Color Consistency	<6 Steps (or <6 SDCM)
	Diffuser Type	PC Lens
	Beam Angle (50%) (Tolerance : $\pm 15\%$ )	130 Degree
<b>ELECTRICAL</b>	Input Voltage and Frequency	120-277VAC, 50/60Hz
	PF (Tolerance : $-3\%$ )	$\geq 0.9$
	THD (Tolerance : $+5\%$ )	$\leq 20\%$
	Flicker Percent	<5%
	Driver Brand	BECKY
	Driver Model	BQE25J-0480-48-PV
	Driver Surge protection	L/N-PE: 2kV, L-N: 1kV
	Dimming	0-10V dimming standard
	Optional Accessory	PIR Sensor
<b>MATERIALS</b>	LED Brand	Lumileds
	LED Type	SMD2835
	LED QTY	153 PCS
	Housing	IRON
	Housing Color	White, or Customized
	Waterproof Rating	DAMP (IP4X)
<b>OTHERS</b>	Operating Temperature	With out PIR Sensor: $-35^{\circ}\text{C}$ TO $50^{\circ}\text{C}$
		With PIR Sensor: $-35^{\circ}\text{C}$ TO $50^{\circ}\text{C}$
	Storage Temperature	$-35^{\circ}\text{C}$ TO $80^{\circ}\text{C}$
	Operating Humidity	20% - 90% RH
	Storage Humidity	10% - 95% RH
Warranty	5 years warranty with 24/7 operating hours Luminaire lifetime at $25^{\circ}\text{C}$	

## PACKAGE

	Carton Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
Outer box	680*395*105 MM	5 PCS	1 KG/PC	6.3 KG

Tolerance of Carton Size:  $\pm 15$  MM, Tolerance of Weight:  $\pm 10\%$ .



## LIGHT DISTRIBUTION TESTING PARAMETERS

### Photometric Results

CIE Class: Semi-Direct

Measurement Flux: 3234 lm

Downward Ratio: 85%

Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 264.9, 162.0, 233.2, 235.8

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 156.9, 111.6, 131.4, 132.1

Luminaire Efficacy Rating (LER): 130.29

Max. Intensity: 757.11 cd

S/MH(C0/C180): 1.36

Total Rated Lamp Lumens: 3234.0 lm

Efficiency: 100%

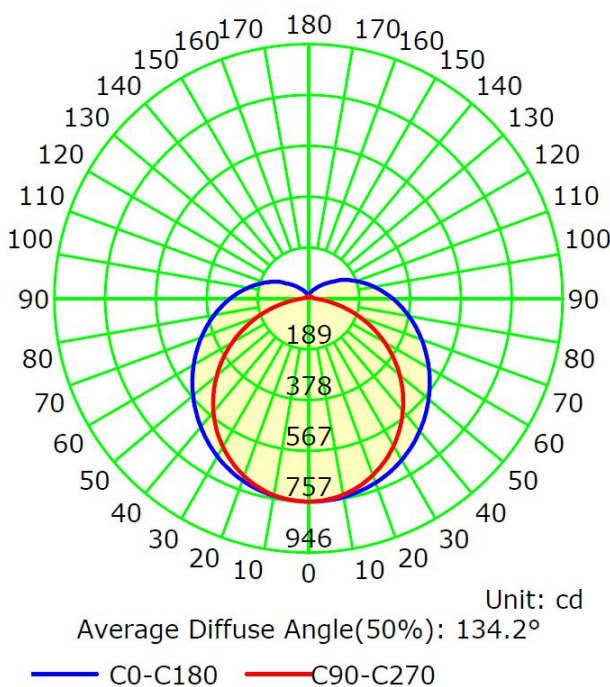
Upward Ratio: 15%

C0r0 Intensity: 756.62 cd

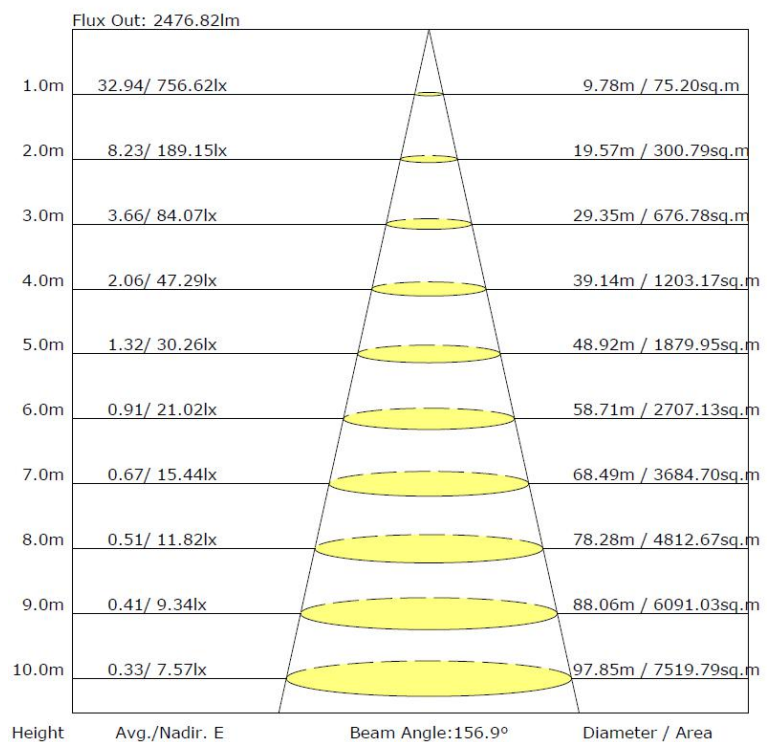
Pos of Max. Intensity: H45 V1

S/MH(C90/C270): 1.25

Luminous Intensity Distribution Curve



The Average Illuminance Effective Figure



### NOTICE FOR USER

- Please turn off power before install or change assembly parts.
- The input voltage and lamps should be matched, after connecting the power line, Please make sure the wiring section is insulated.
- No-professionals, must not install and disassemble the lamps.

### TROUBLE SHOOTINGS

Troubles	Check points
Flickering of the light	Turn off the power and turn on again in 3 minutes. If same phenomena occur, then call agencies.
Out of working	Please check the connection.